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Date: 3/31/2009 3:30 PM
Subject: Emery Subsidence report
Attachments: Emery Subsidence 02-2009.pdf

Attached please find the monthly subsidence report for the Emery Mine.

Regards,
- Ian

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Consolidation Coal Emery Mine Subsidence Report for February 2009

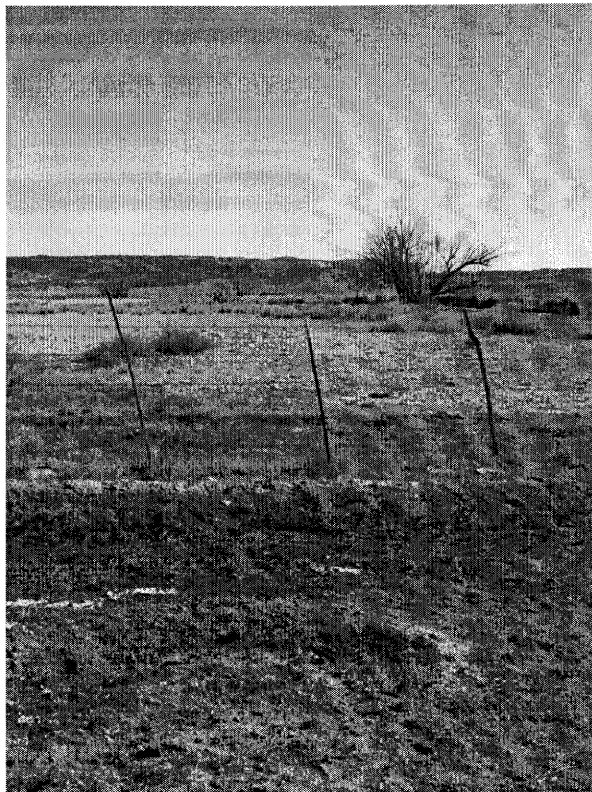
2-19-09 12th West – No new cracks found. Area is snow covered. JJ

6th West – Subsidence following pillaring face position. JJ

2-25-09 12th West – Underground the area is starting to cave and sag. We went to the surface and found several indications that the ground has moved. On the southwest edge of the panel the cracks appear several inches wide and are approximately 15 to 25 feet long. A series of 2 to 4 large cracks can be found along the southwest edge of the panel. Along the northeast edge of the panel a series of 6 to 9 small cracks were noticed. These cracks averaged ½ inch wide and approximately 5 feet long. Also observed was a stretching and loosening of the fences that crossed the area of the panel. On most fences the top two strands became very tight to where they bent the tops of the fence posts. Conversely the bottom strand was very loose. Pictures of the large cracks on both sides of the panel were taken as well as the fence line. RH & JJ



Crack along southwest side of the panel



Bowed fence posts above Panel 12 West



Cracks along northeast side of panel

3-3-09 12th West – Cracks along southwest side of the panel are continuing to extend with the face position. Cracks on the northeast side of the panel were not found to be extending with the face at the time of the inspection. RH & JJ

3-13-09 12th West – Caving underground is staying near the pillar line. The larger cracks on the southwest side of the panel are continuing to follow the face retreat. RH & JJ

6th West – No new cracks found at the time of inspection. Existing cracks are slowly filling in and the edges are weathering. RH & JJ

Below is a summary of the flow data from SP-10 collected by Karla Knoop, from JBR Environmental.

Consol Emery Mine
 Panel 14th West
 Bryant No. 1
 Flow Measurements made at dam
 breach
 Measurements taken by Karla Knoop

Date	Flow (gpm)
6/13/2007	77
7/24/2007	52
8/28/2007	75
9/20/2007	69
10/19/2007	59
11/15/2007	54
12/17/07	frozen
1/15/08	Flowing under, over & through ice/snow; can't measure, but flow appears to be similar to the November flow rate.
2/26/08	67
3/21/2008	90
4/24/08	35
5/22/08	255
6/25/08	230
7/16/08	355
8/14/08	275
9/10/2008	190
10/21/08	117
11/19/08	48
12/11/08	56
1/21/09	34
2/26/2008	23
3/10/2009	29